

10045934-101001

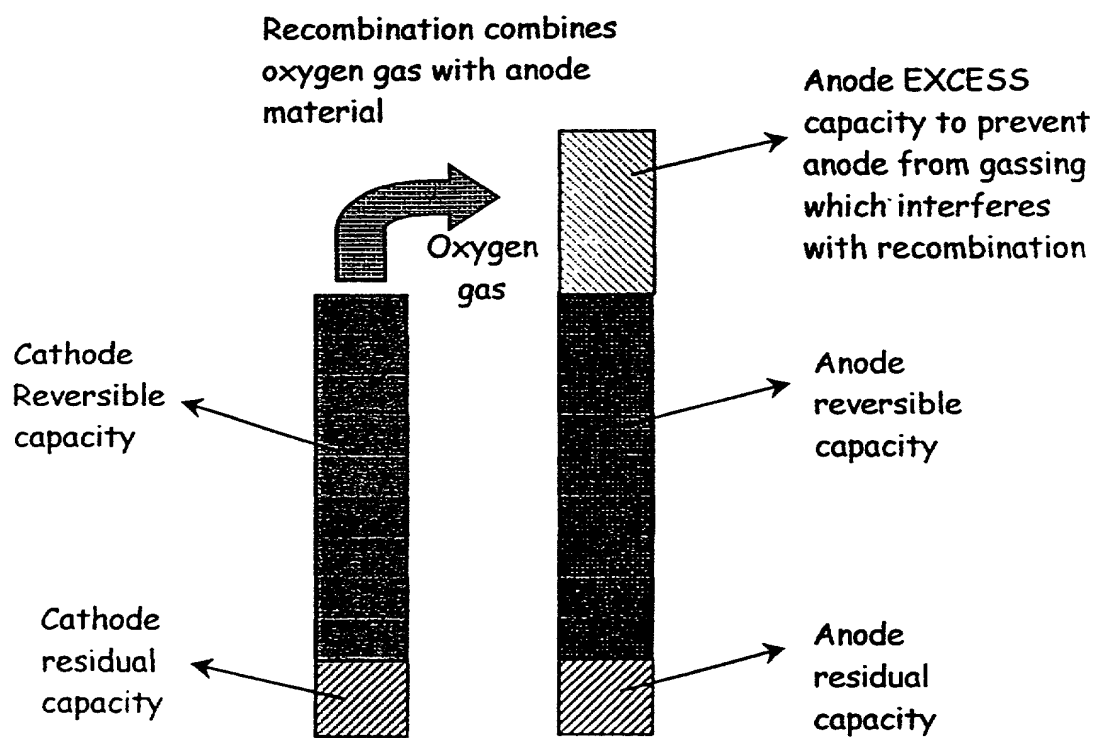


FIG 1

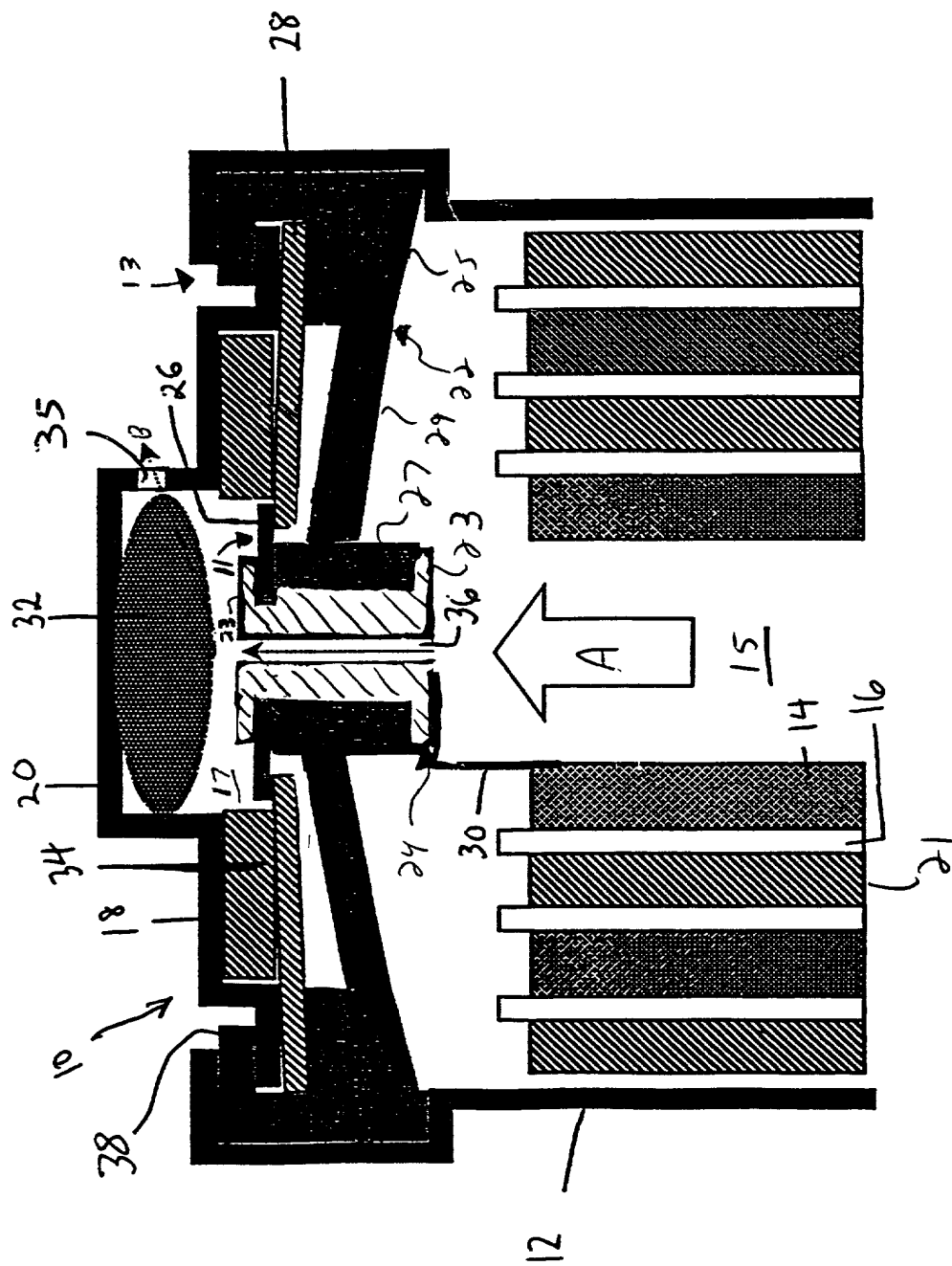


FIG. 2A

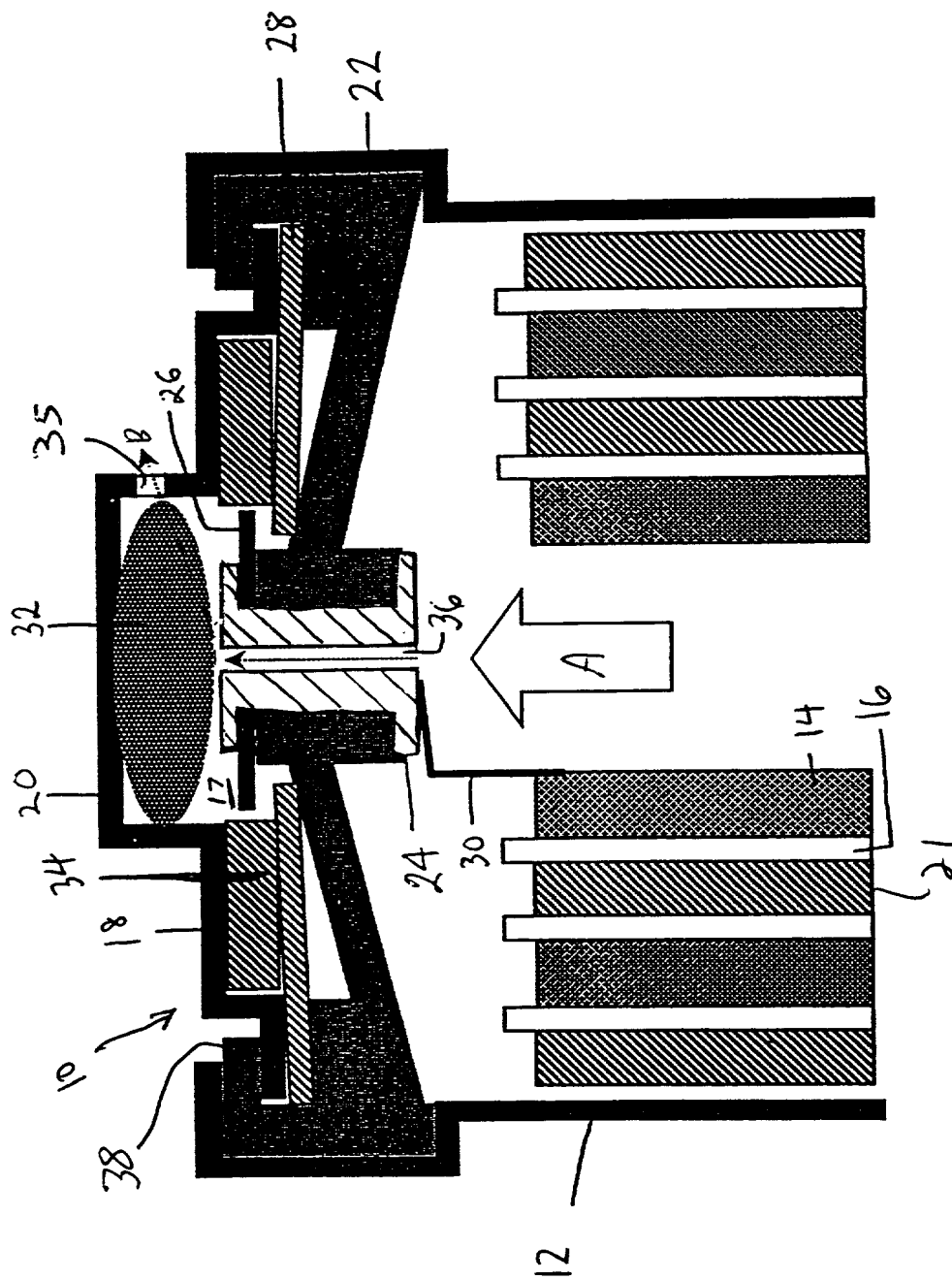
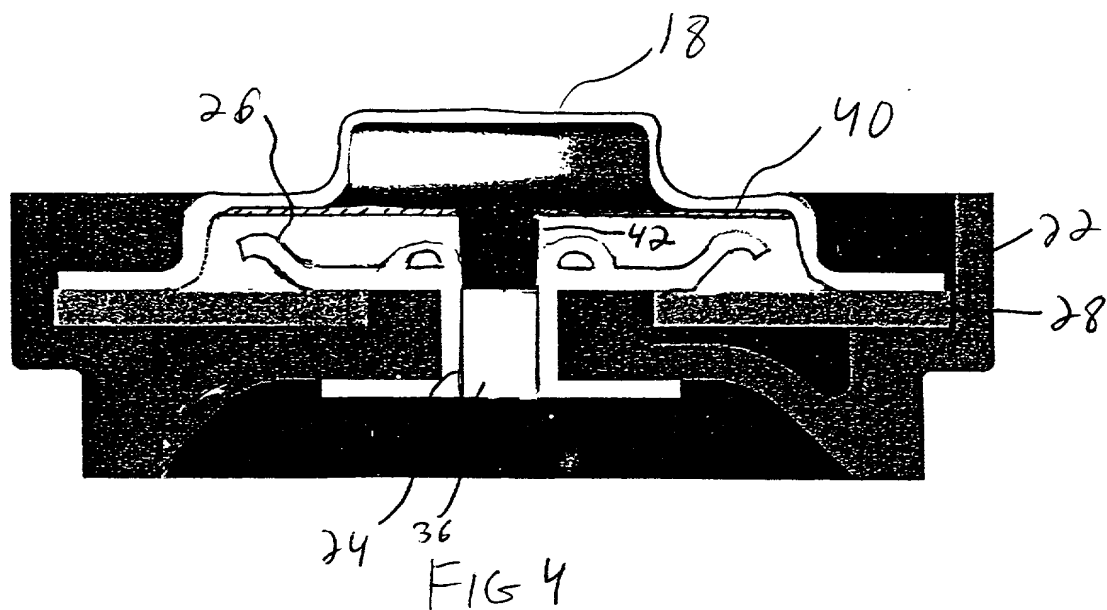
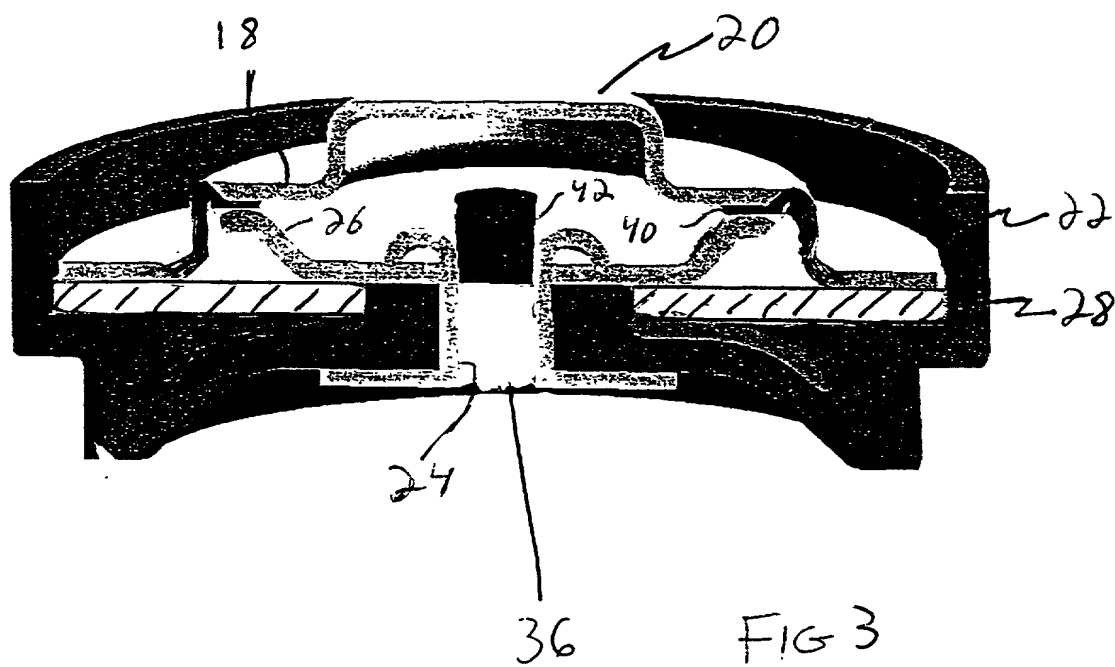


FIG. 2B



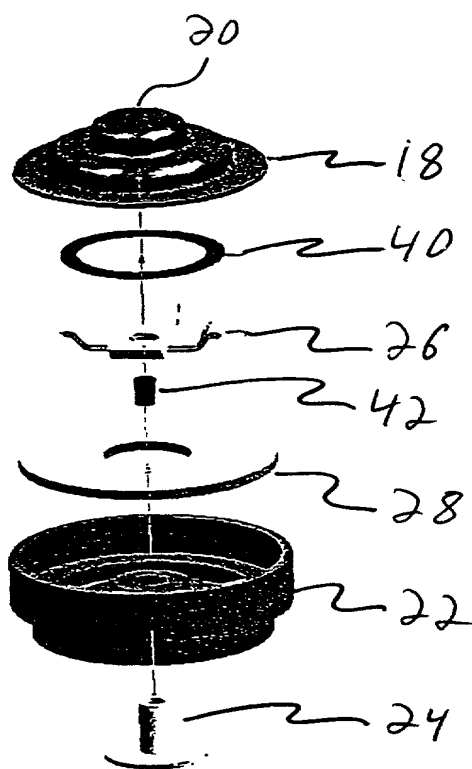
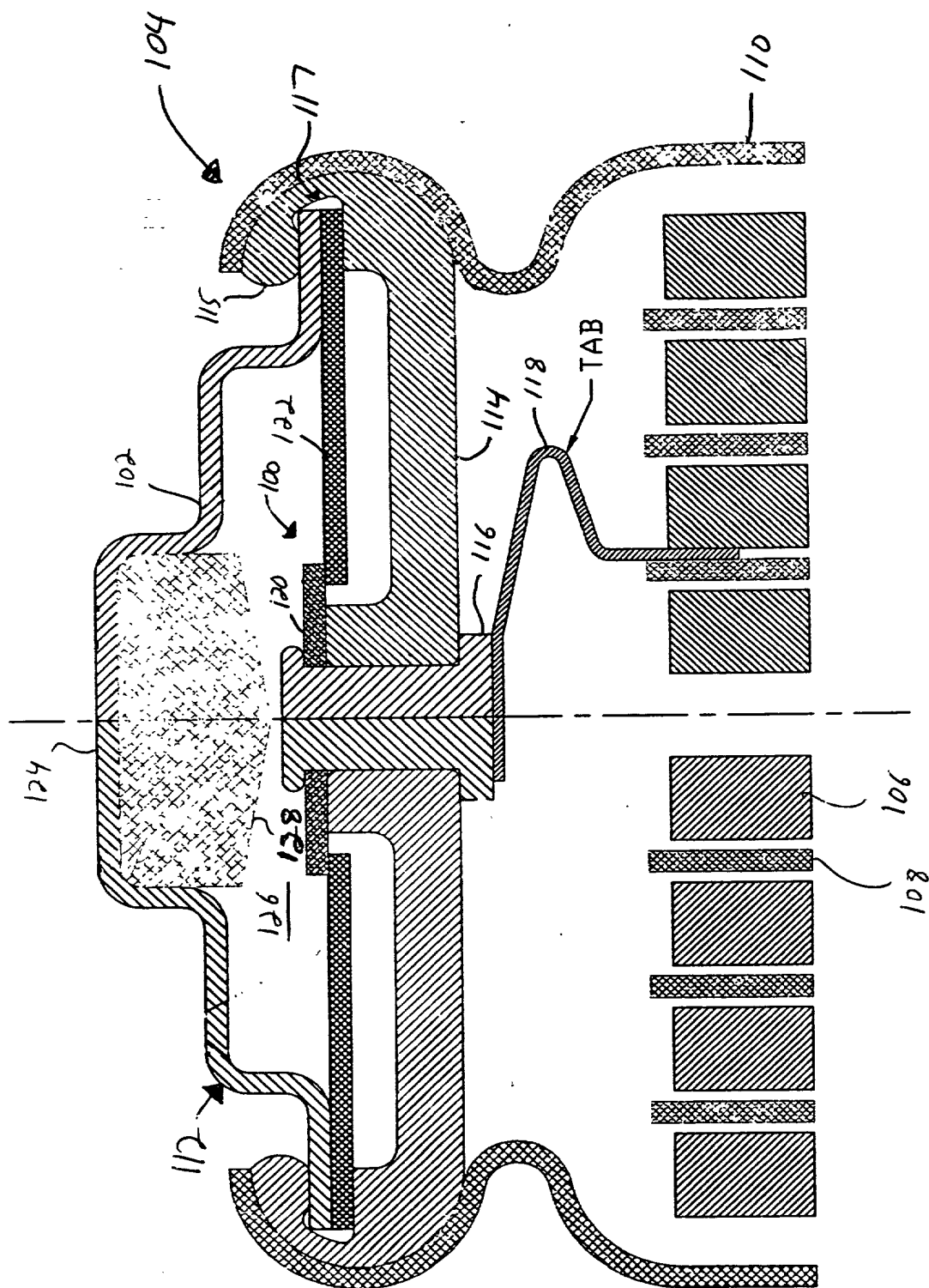


FIG. 5



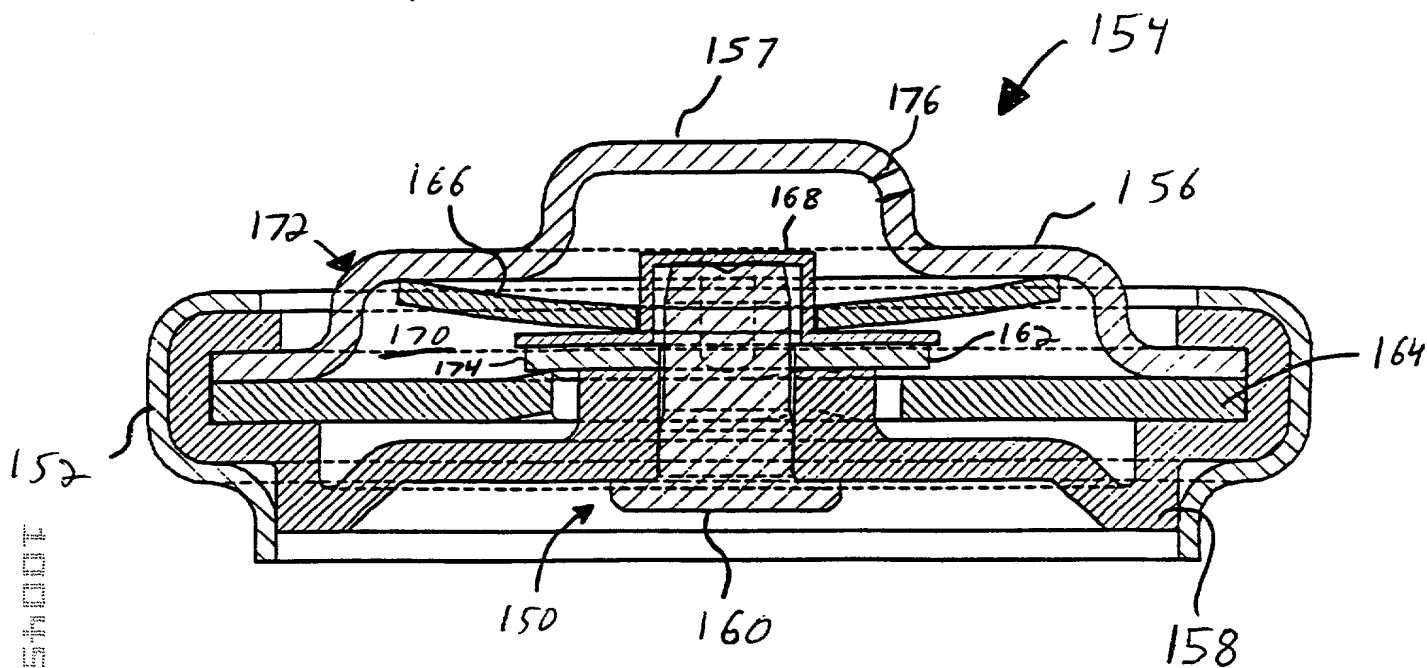


Fig. 7

Figure 8 Nickel metal hydride cell pressure and temperature during alternating current or constant current charge.

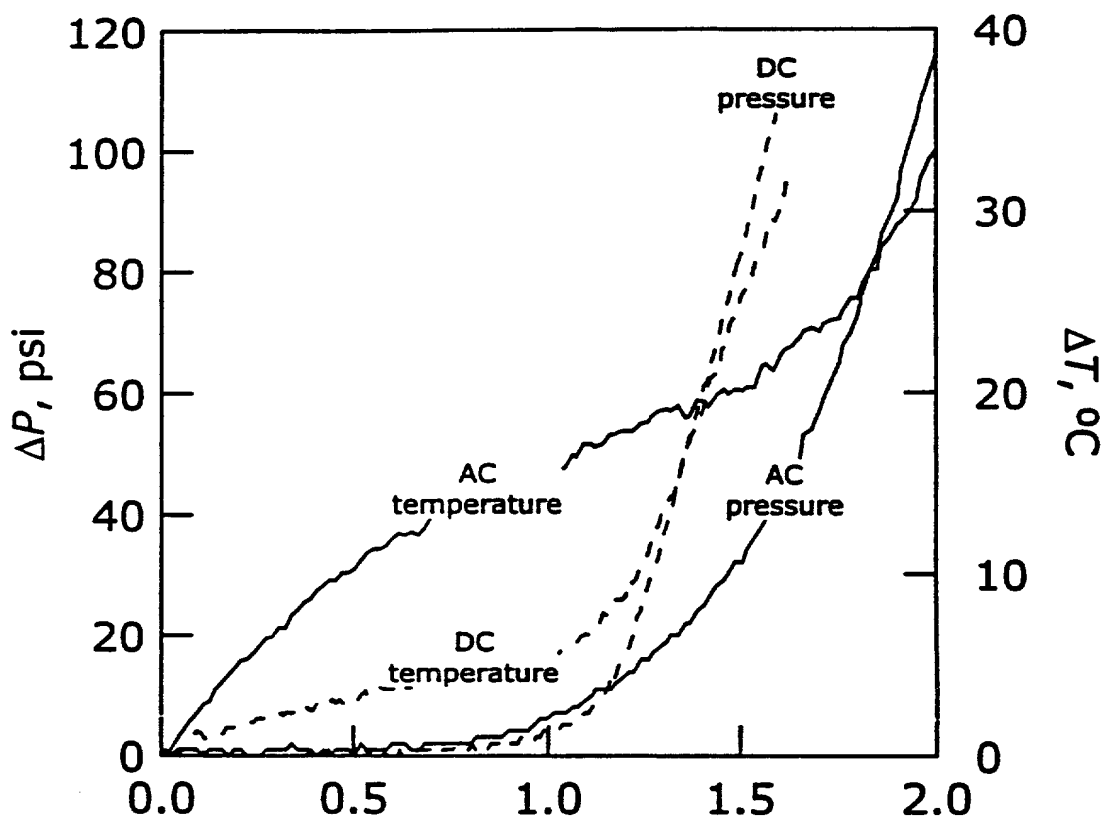
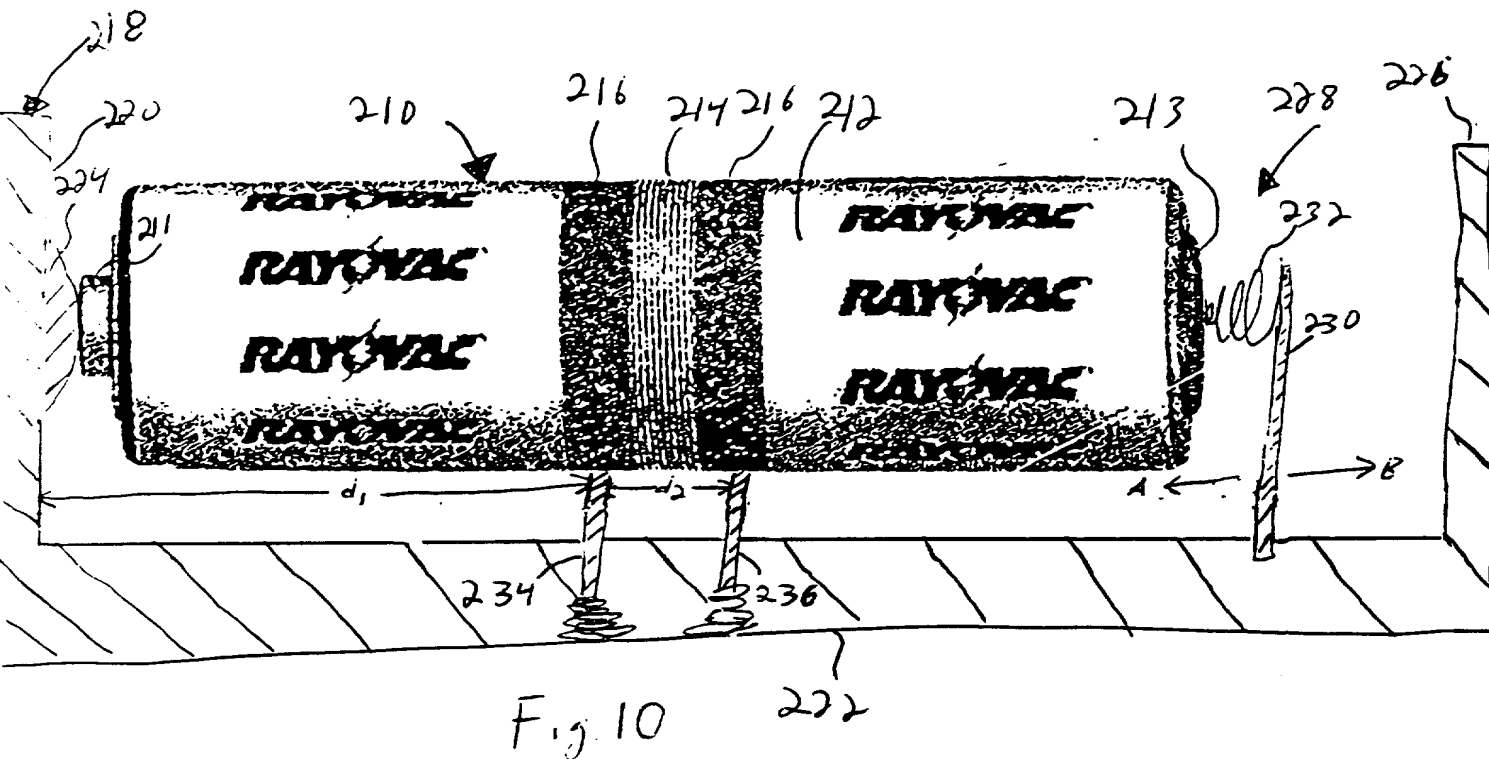
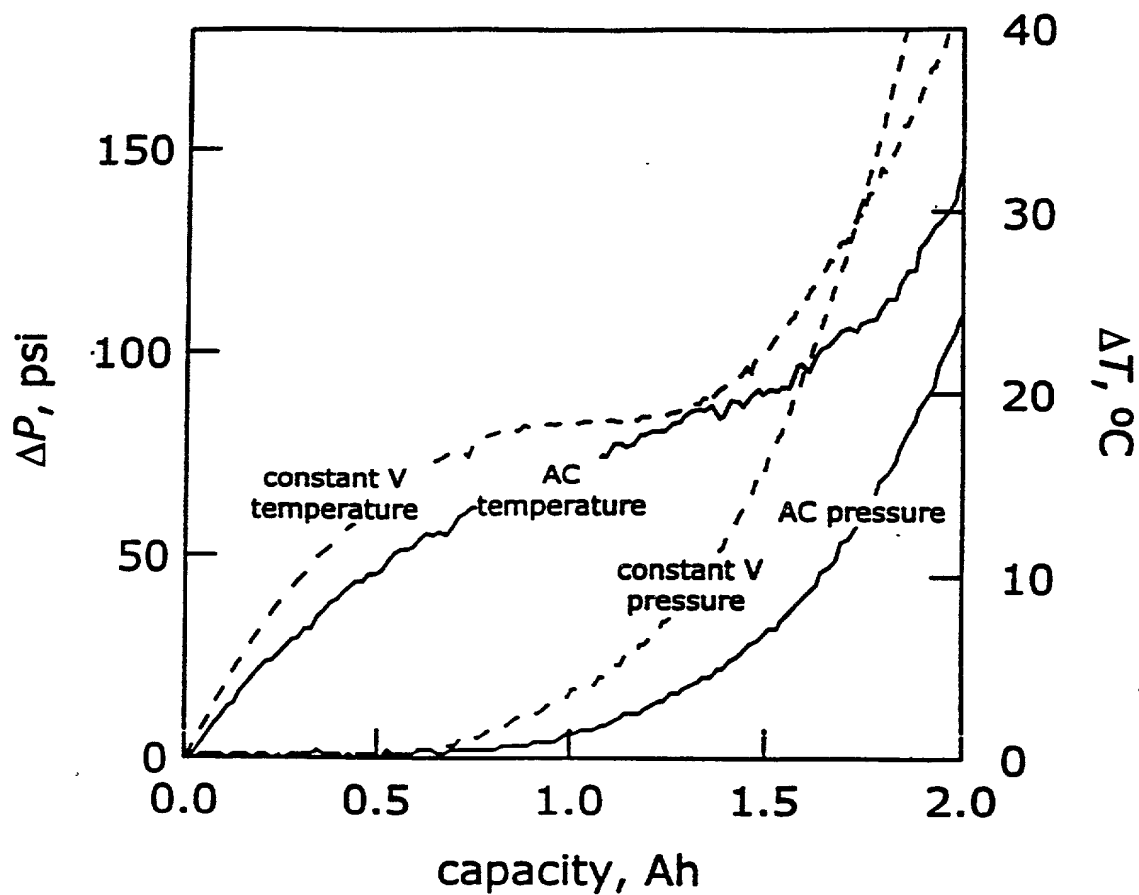


Figure 9 Nickel metal hydride cell pressure and temperature during alternating current or constant voltage charge.



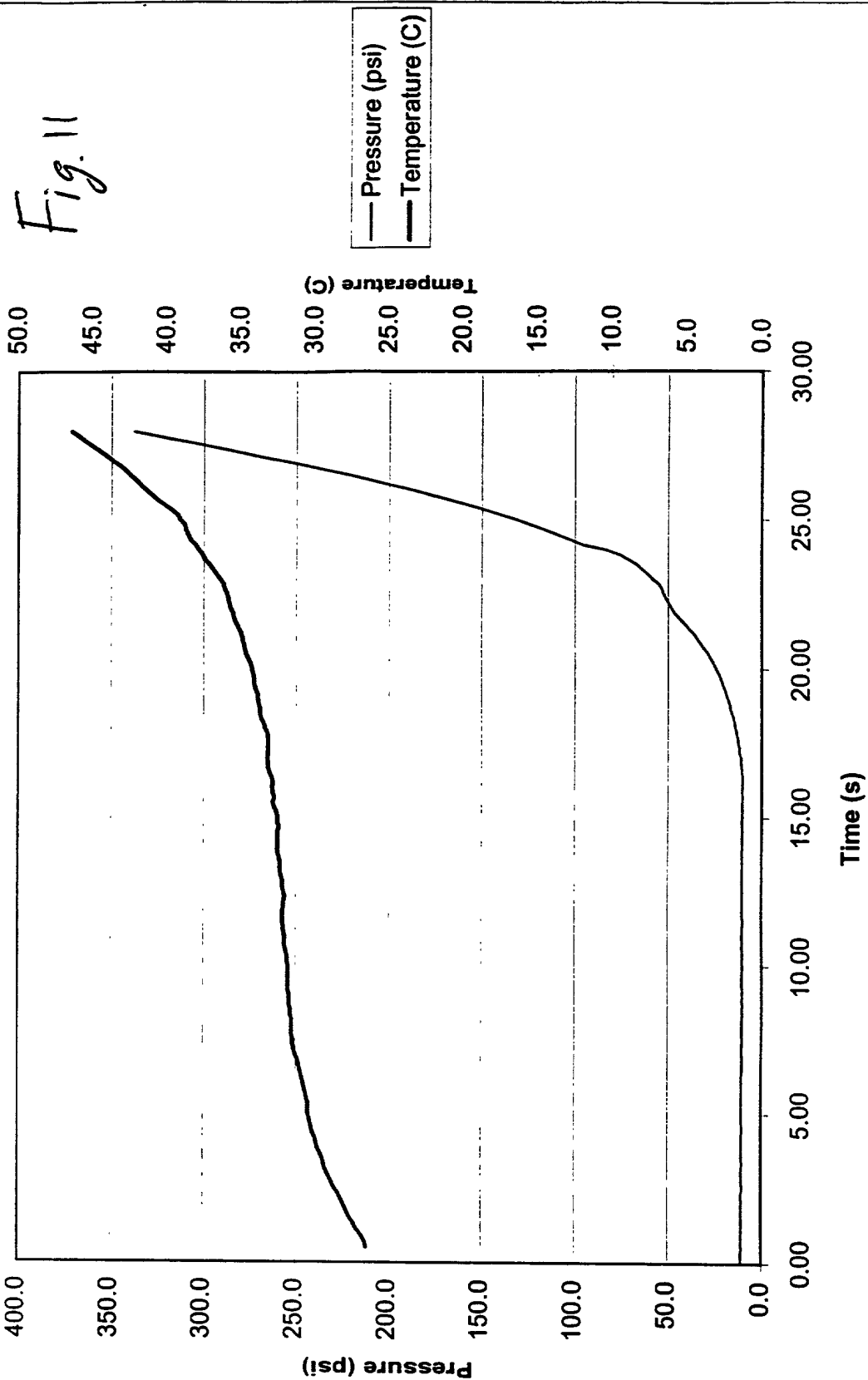


Fig. 12

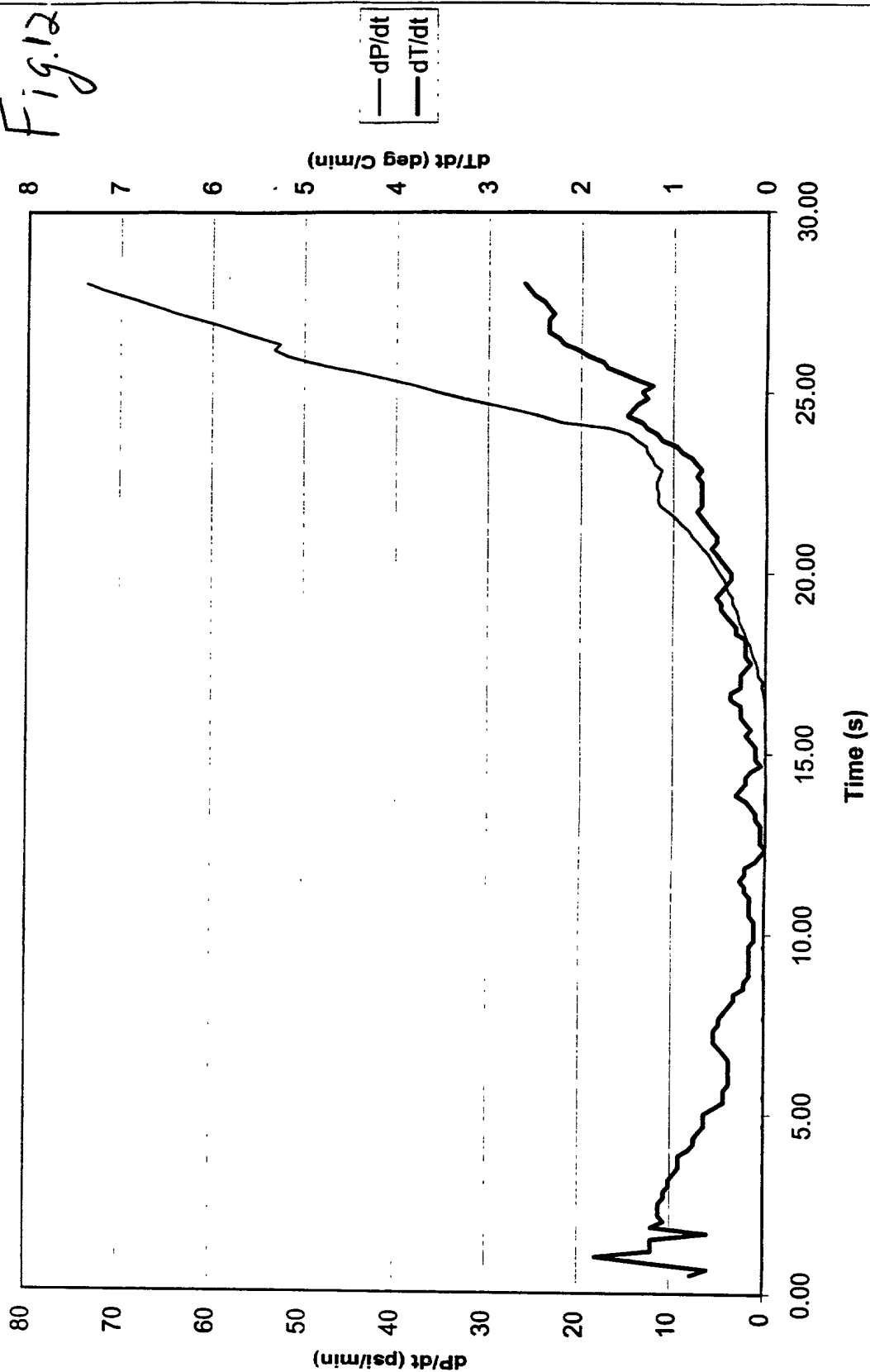
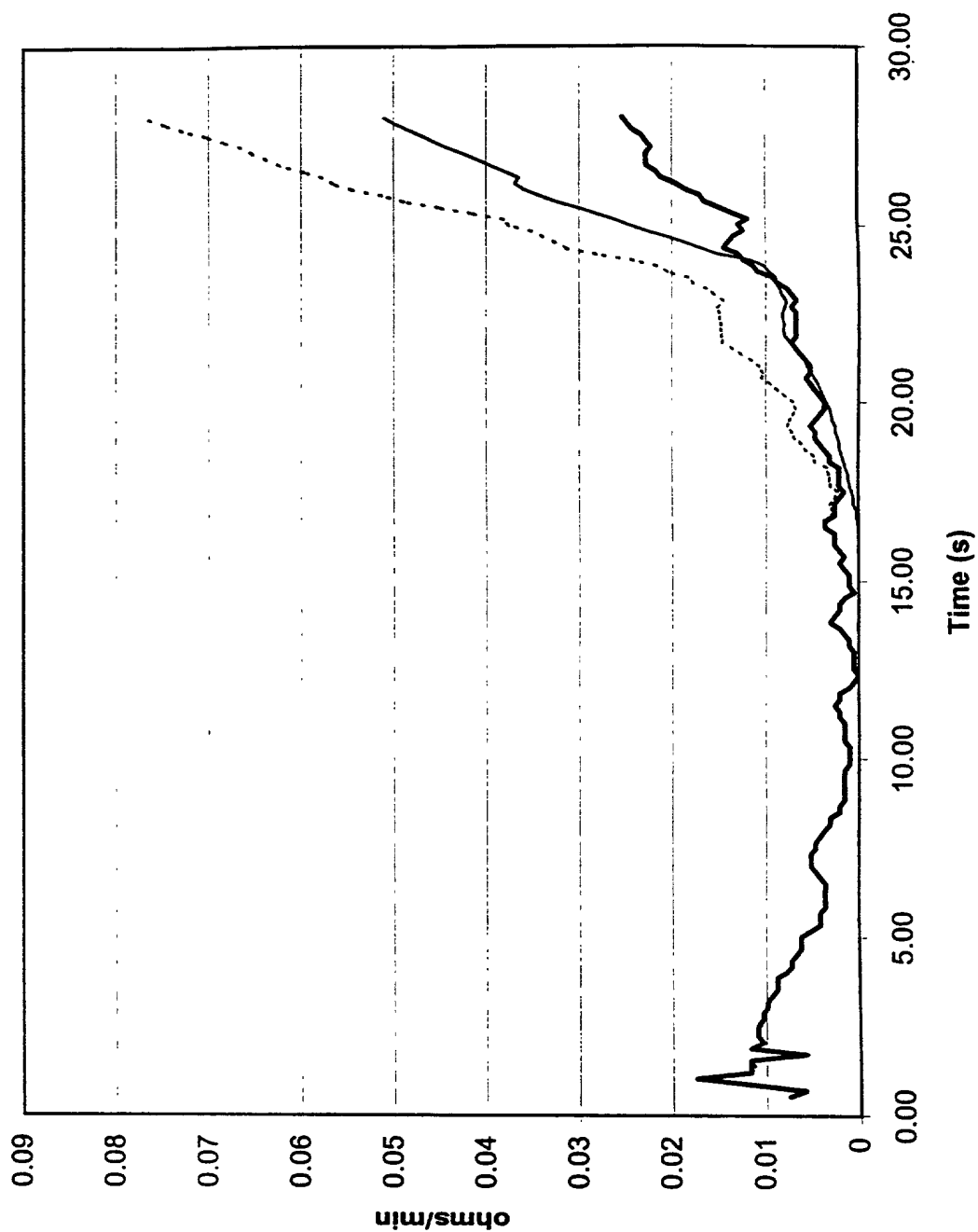


Fig. 13



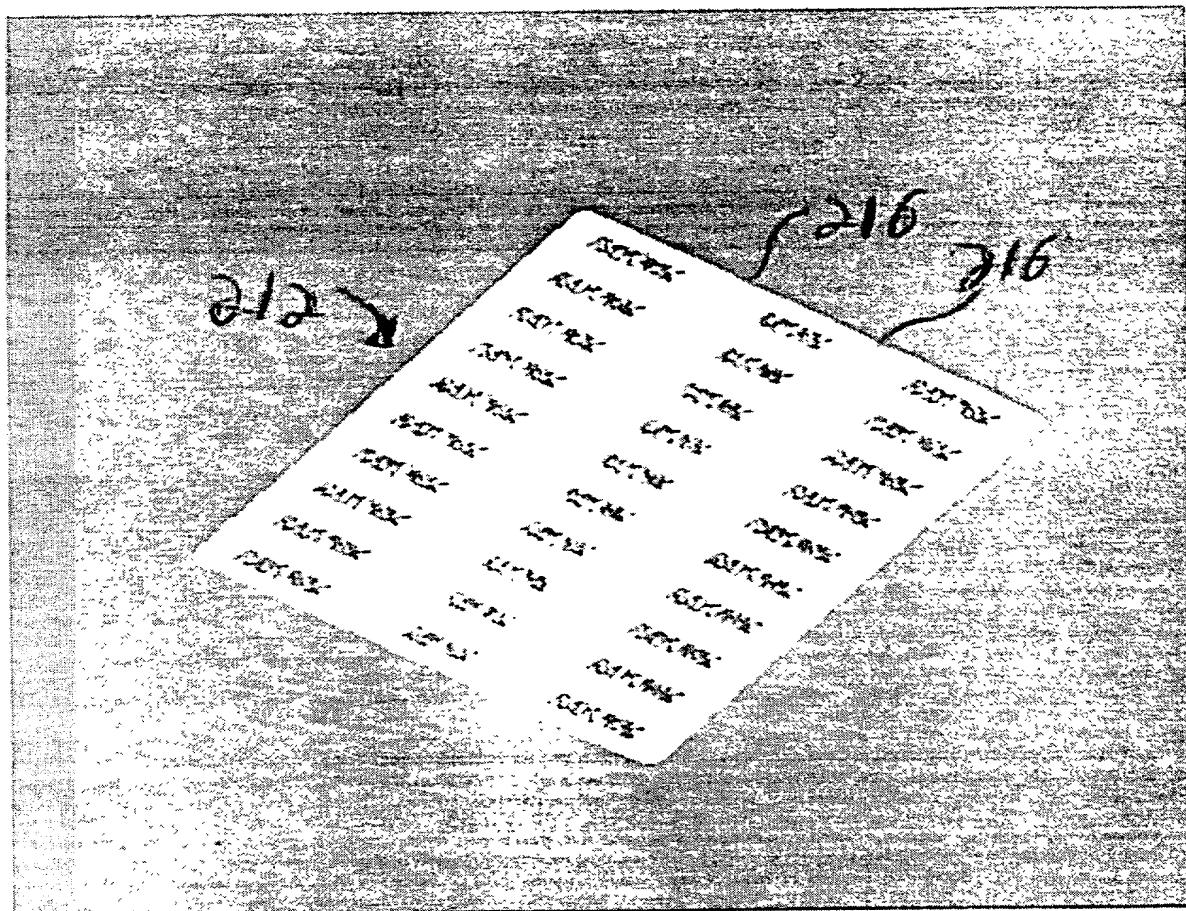


Fig. 14

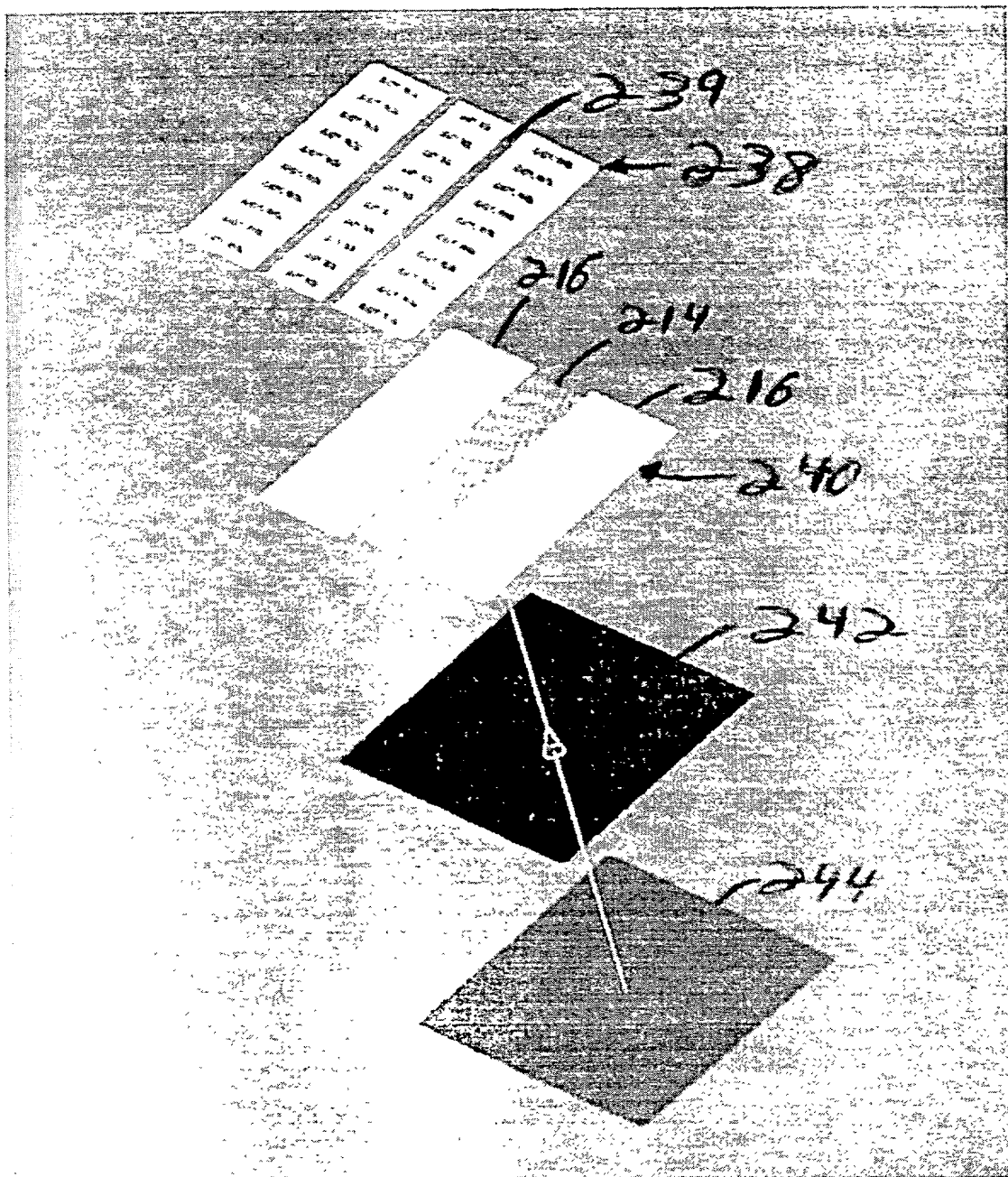


Fig. 15

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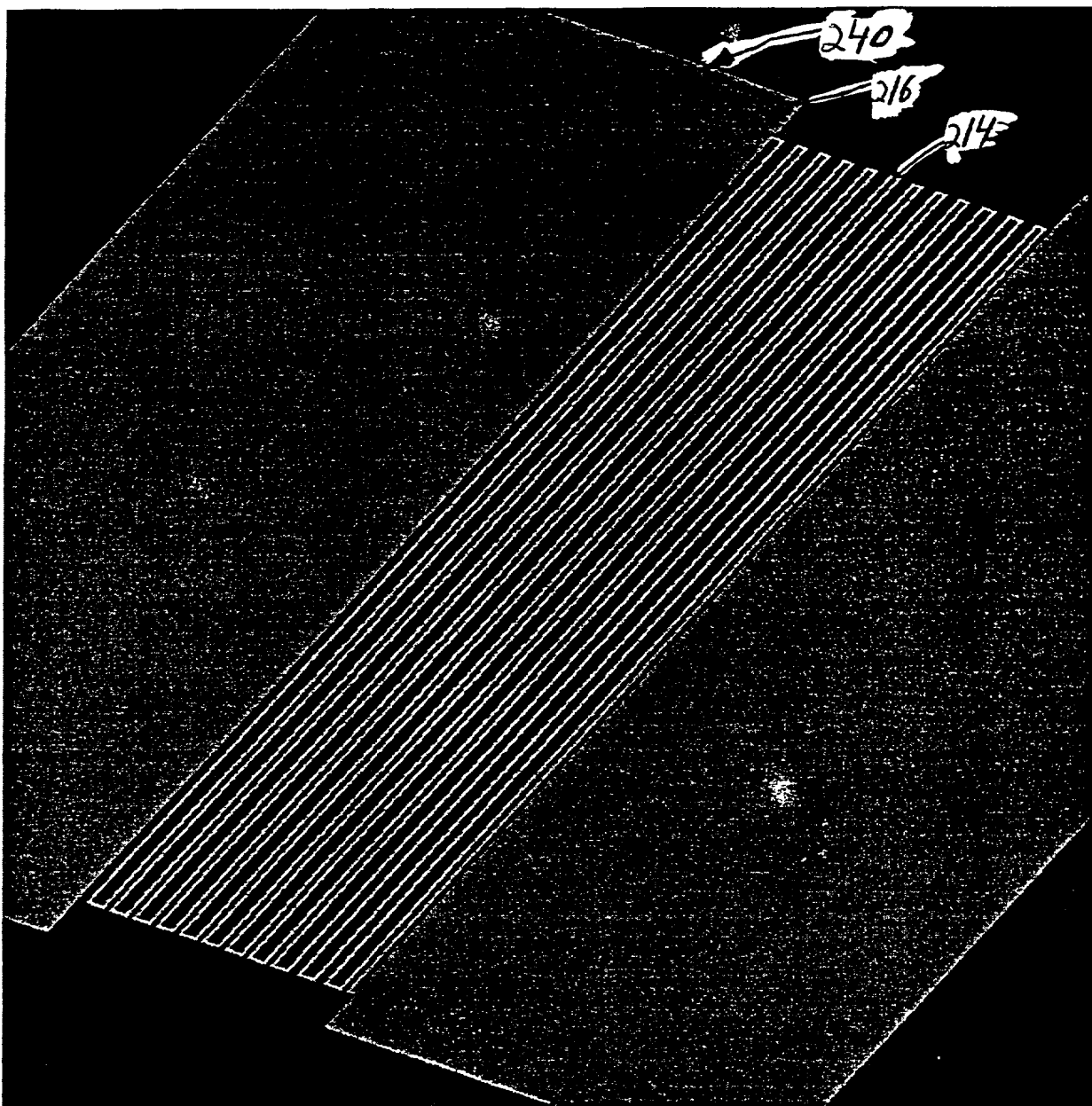
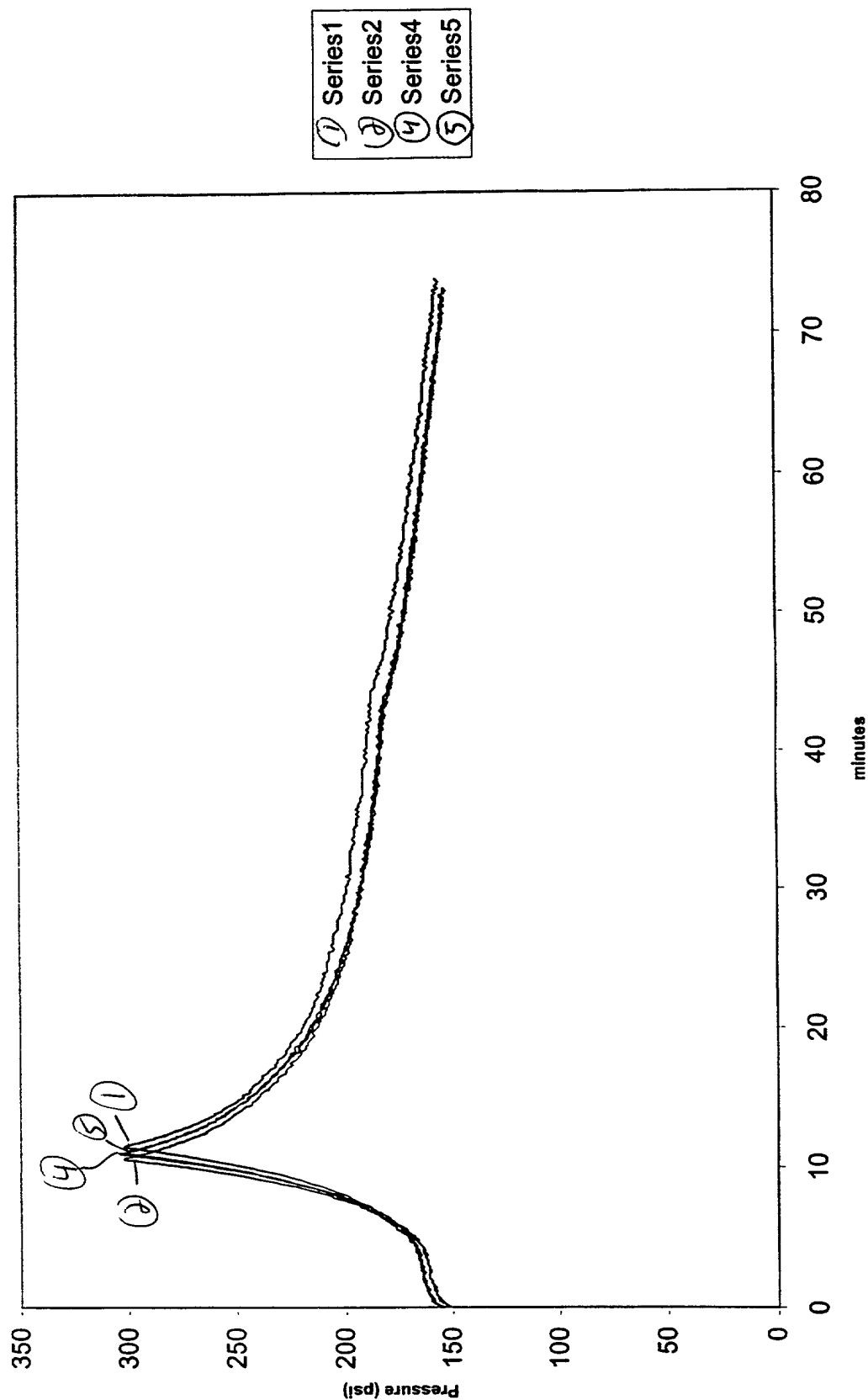


Fig. 16

Internal pressure of multiple
cells on 15 min. charge and 1 hr. discharge

Fig 17



1300 mAh nickel-metal hydride cell
 Fig. 18 with 30 minute constant current charge

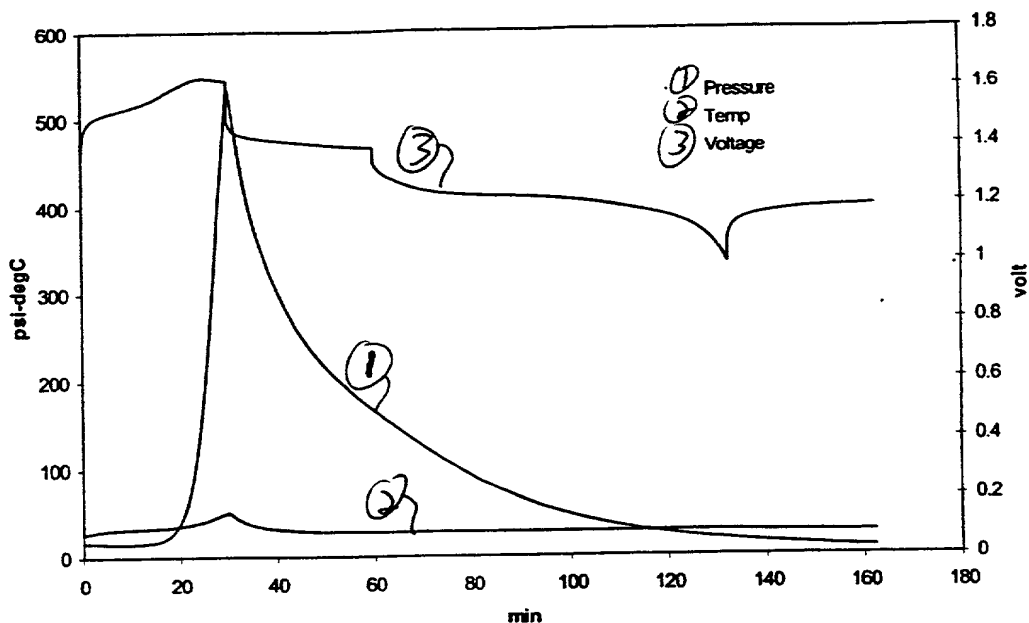


Figure 19
 1300mAh cell - Pressure rise and Fall
 vs. cycle life number

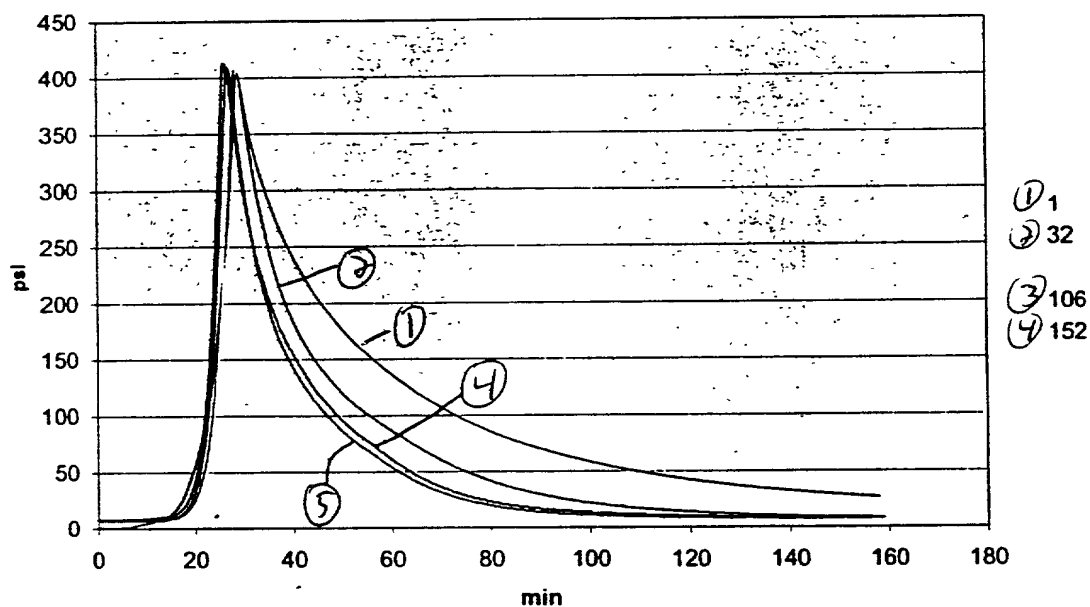


Figure 20

1300mAh cell - Pressure rise versus Cycle Life number

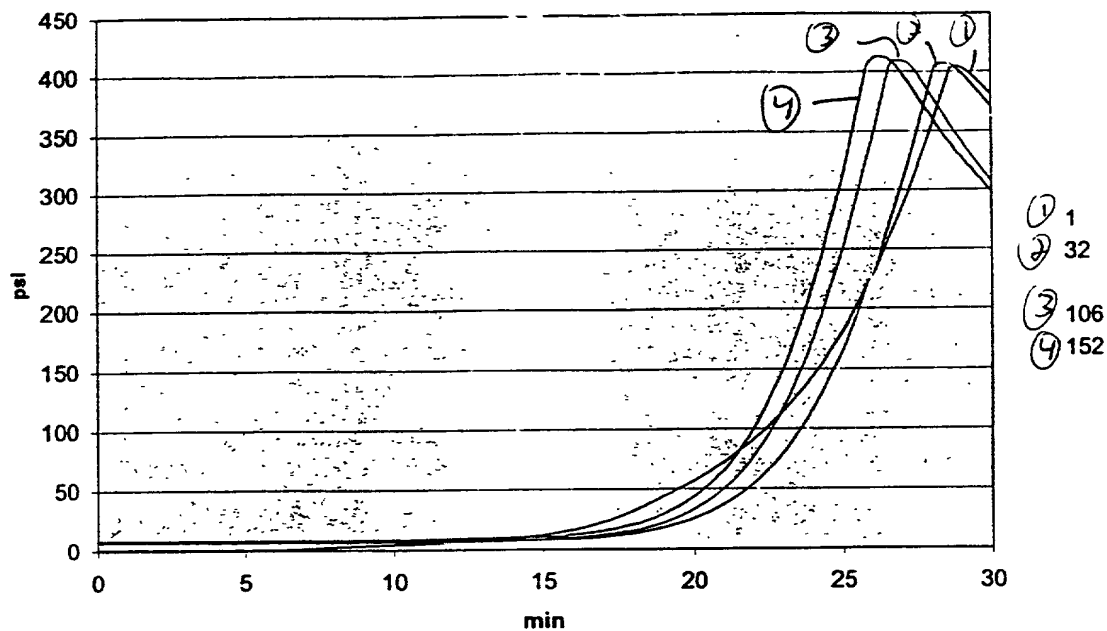
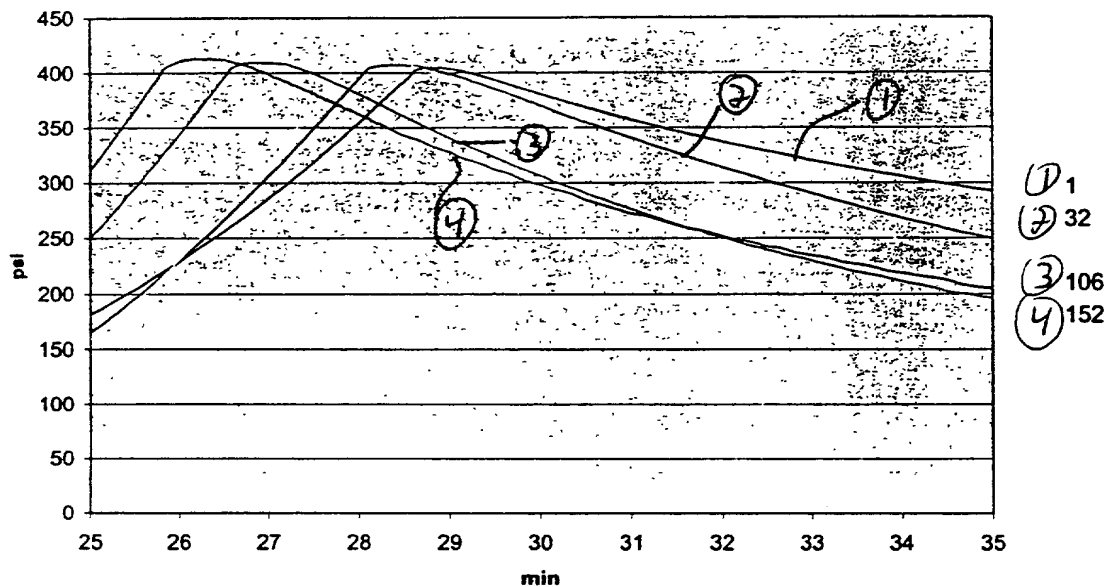


Fig. 21

1300mAh cell - Pressure fall vs. Cycle life number



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Figure 22
1300mAh cell - Rise and fall of Pressure,
Temperature and voltage vs cycle life number

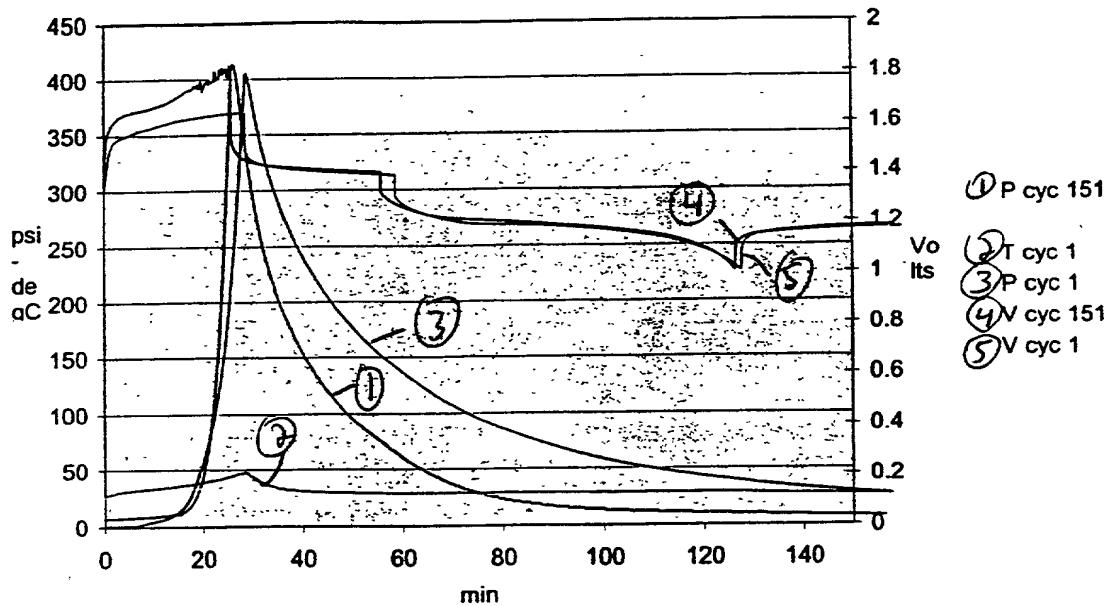
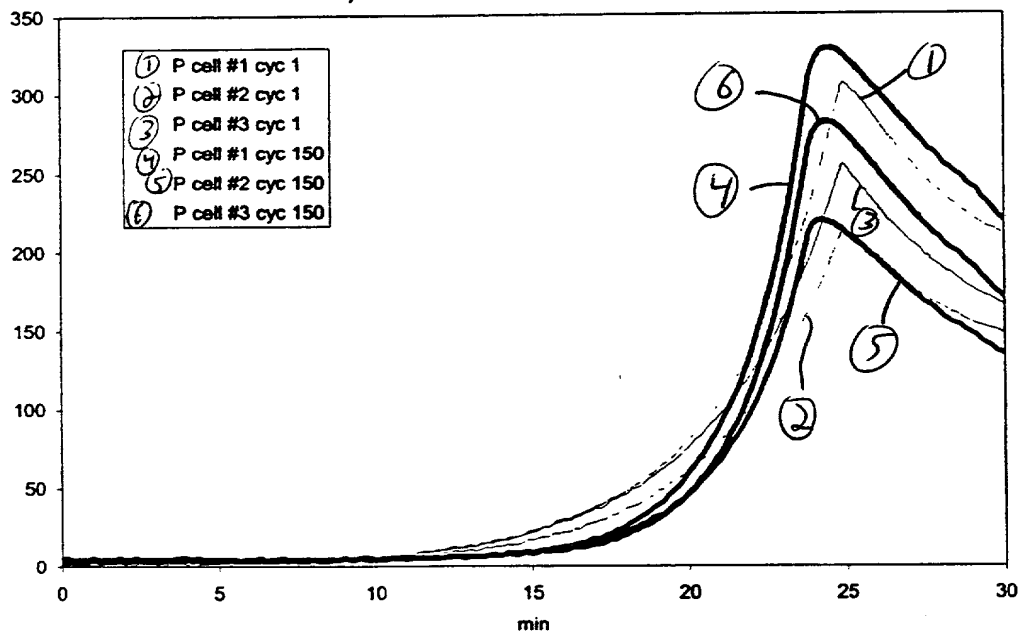


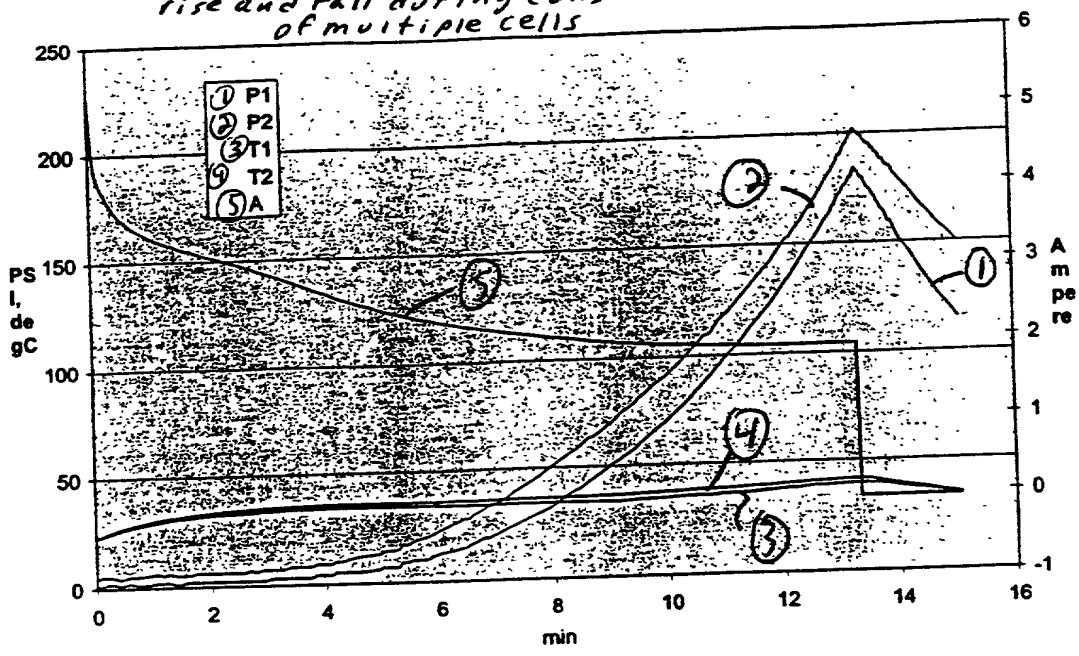
Figure 23
1600mAh cell - Pressure rise and fall of
multiple cells vs. cycle life number



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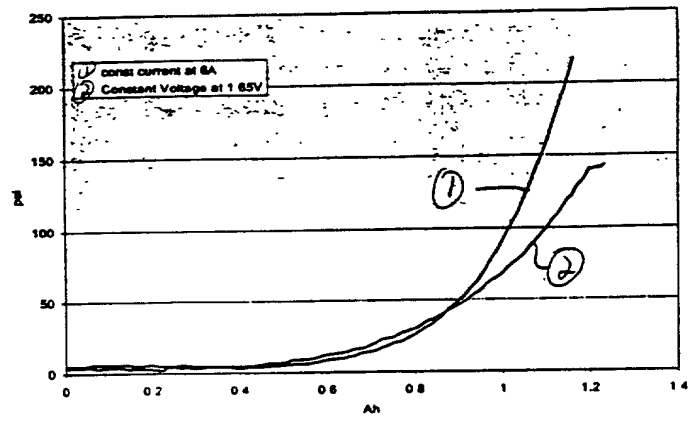
Figure 24

550 mAh cell- Pressure, Temperature and current rise and fall during constant voltage charge of multiple cells



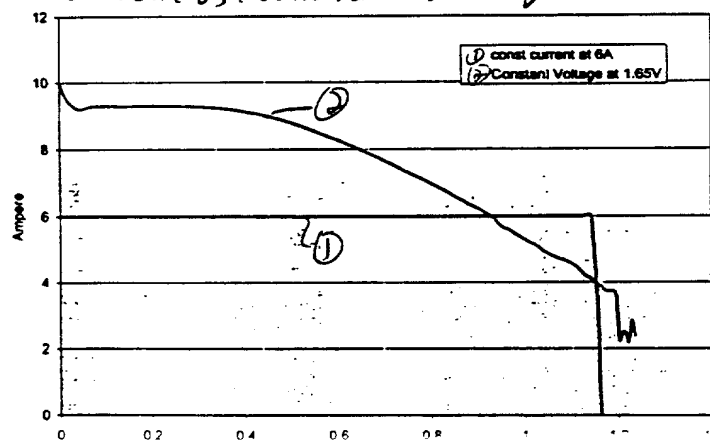
Internal pressure of 1300 mAh Nickel-metal hydride cell- Comparing constant current vs. constant voltage

Fig. 25



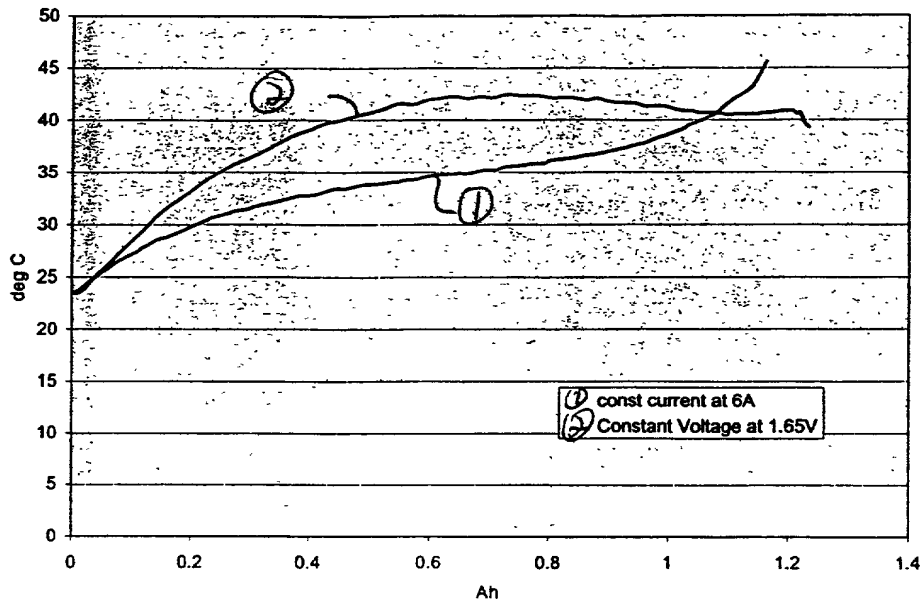
Current during charge of 1300 mAh Nickel-metal hydride cell- comparing constant current vs. constant voltage

Fig 26



Temperature of 1300 mAh Nickel-metal hydride cell - comparing constant current vs. constant voltage

Fig. 27



Voltage rise during charge of 1300 mAh Nickel-Metal hydride cell - comparing constant current vs. constant voltage

Fig. 28

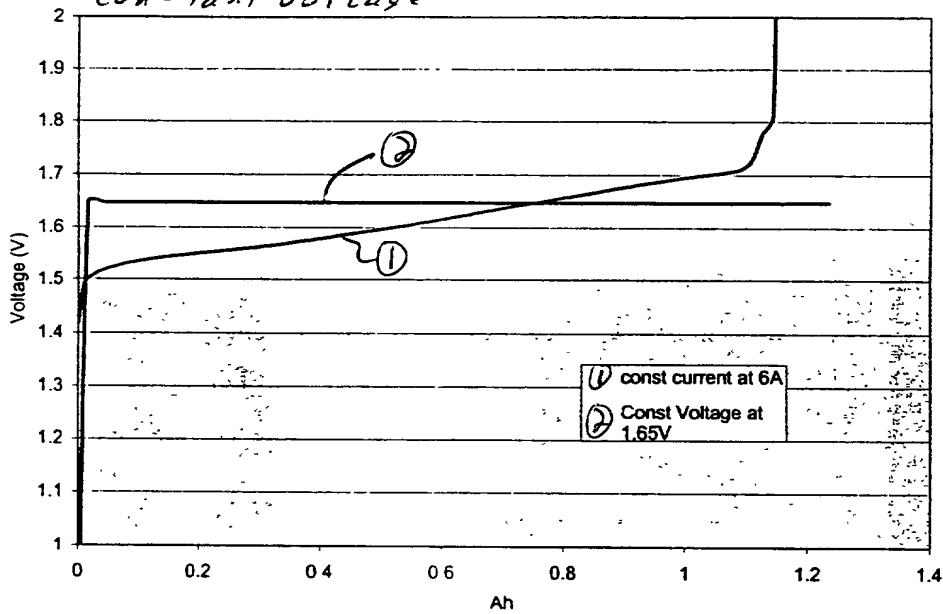
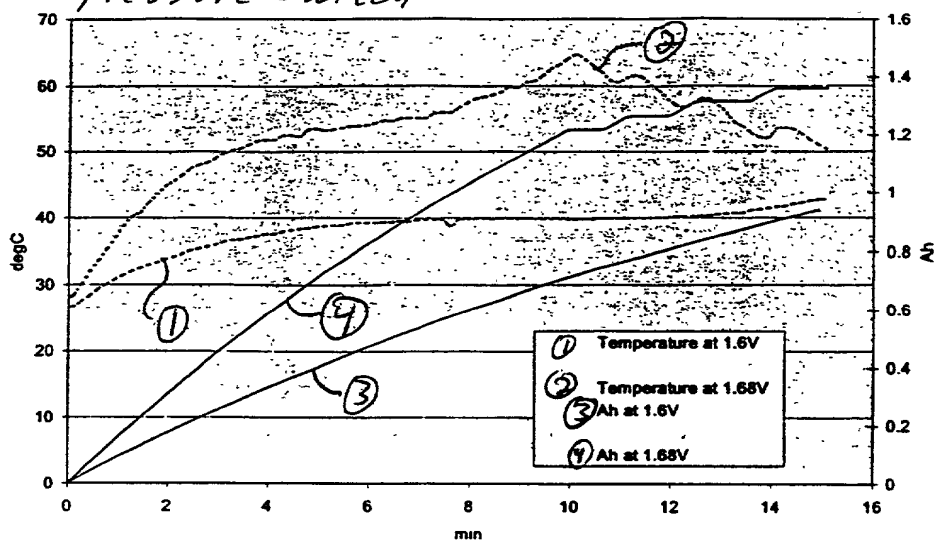


Fig. 29

Effect of different charge voltage of Nickel-metal hydride cell equipped with end cap pressure switch



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